

MINNEAPOLIS – THE ROAD TO “ONE-SORT”



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Solid Waste and Recycling Division
Minneapolis Department of Public Works



ISSUES WITH MULTI-SORT



- Multi-sort bins and trucks
- Residents must use paper bags to contain items
- Complex sorting required resulted in limited volumes collected
- One person crew with difficult to reach sorting compartments
- Stagnant recycling rate for many years



RESEARCH



- Pilots – One Sort and Dual Sort
- SEH and RRS – Consultants
- Study and comparison to cities of similar size
- Began in 2011 and was presented to City Council on May 15, 2012



ANTICIPATED OUTCOME



WHAT CAN MINNEAPOLIS EXPECT

| Variable | New Minneapolis Recycling Program |
|--------------------------|---|
| Collections | Increase citywide recycling weight by minimum 30% to 60% |
| Average Commodity Prices | Similar to current program commodity prices (Market Based) |
| Processing Costs | Estimate \$60 to \$80 per ton. |
| Residual Rates | 2.5% to 4% |
| Avoided Tipping Fees | Saves the city \$47/ton |
| Operational Costs | Single Sort Most Efficient. Operational Impact Needs Market Verification though Request for Proposal (RFP) Bid Information. |



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TRANSITION TO ONE-SORT



- Council Authorization
- Project Coordinator
- Truck Purchase, Trailer Retrofit
- Cart Selection and Distribution Plan
- RFP & Contract for Recycling Processing
- Detailed Communications Plan
- Current Collection Contract Amendment



TRUCK SELECTION



- Dual Lift Rear Loader
- Two Employees
- Route Efficiency
- Improved Fleet Consistency



BINS TO CARTS



CREW SAFETY



CART ROLL-OUT



Fall 2012:

- 31,332 carts delivered

Spring 2012:


- 7 weeks
- 67,259 carts delivered
- Delivery delayed a couple days due to heavy snow in April
- Completed June 13th, 2013




RESIDENT INFORMATION



Notice Letter


Minneapolis
 City of Lakes
 Department of
 Public Works
 Steven A. Kuba, P.E.
 City Engineer
 Director
 350 South 5th Street - Room 203
 Minneapolis MN 55415
 Office: 612-673-3000
 Fax: 612-673-2965
 TTY: 612-673-2157

Minneapolis Recycles 

Dear Minneapolis Recycling Customer:

The City of Minneapolis is changing its recycling collection from multi-sort recycling to one-sort recycling. Your household will receive a new 95 gallon blue recycling cart next week at no cost to you. Start using it for your recycling right away. No more sorting or paper bags are required. Just place all your recyclables together in your new blue cart. Then make sure the cart is to the curb or alley before 6 a.m. on your recycling day. If you do not recycle yet, now is the easiest time to start. Our goal is to collect less trash and more recycling by making it easier for you to recycle.

Once you get your new blue cart, stop using your old blue or green recycling bin. You are encouraged to keep and re-purpose your old bin (for instance, storage or carrying your recycling from your home to the cart). If you no longer want your bin, we'll be happy to recycle it. Just leave it empty at the curb or alley and our crews will collect it on your recycling day.


Please do not place trash, organics, yard waste, plastic bags or other non-recyclables into your new cart. To learn more about recycling, read your enclosed 2013-2014 recycling guide and fridge magnet.

For additional information about one-sort recycling collection, visit www.minneapolismn.gov/onesort.


If you have any questions about Solid Waste and Recycling, please call our customer service line Monday-Friday from 8:00 a.m. to 4:30 p.m. at 612-673-2917.

Thank you for recycling.

Sincerely,


 David Herberholz, Director
 Solid Waste and Recycling Division
 Minneapolis Public Works Department

If you need this material in an alternative format please call (612) 673-3000 or email 311@minneapolismn.gov. Deaf and hard-of-hearing persons may use a relay service to call 311 agents at (612) 673-3000. TTY users may call (612) 673-2157 or (612) 673-2626. Hmong - Ceeb toom. Yog koj xav tau kev pab teebais cov xov no rau koj dawb, hu (612) 673-2800; Spanish - Atención. Si desea recibir asistencia gratuita para traducir esta información, llame (612) 673-2700; Somali - Ogow. Haddii aad dooneysa in laaga kaimeeyo tarjammada maadumadani oo la'ag la' san wac (612) 673-3000.


 City Information and Services
 www.minneapolismn.gov
 Alternative Action Employer

Magnet

Recycling Guide 

Paper

- Mail, office and school papers
- Magazines and catalogs
- Newspapers and inserts
- Phone books
- Shredded paper in closed paper bags

Boxes:

- Cardboard
- Cereal and cracker boxes
- Shoe boxes, gift boxes and electronics boxes
- Toothpaste, medication and other toiletry boxes

Cartons

- Milk cartons
- Juice boxes
- Soup, broth and wine cartons

Glass

- Food and beverage bottles and jars

Plastic

Bottles & jugs:

- Water, soda and juice bottles
- Milk and juice jugs
- Ketchup and salad dressing bottles
- Dishwashing liquid bottles and detergent jugs
- Shampoo, soap and lotion bottles

Cups and containers:

- Yogurt, pudding and fruit cups
- Disposable cups and bowls
- Margarine, cottage cheese, and other containers
- Produce, deli and take out containers

Packaging:

- Clear packaging from toys and electronics

Metal

- Food and beverage cans

Don't recycle: Styrofoam™, plastic wrap, microwaveable food trays, paper soiled with food, paper plates and towels, drinking glasses, dishes, mirrors and containers that held hazardous products.


 Hennepin
 County of Lakes
 City of Minneapolis
www.minneapolismn.gov/onesort
 612-673-2917

Brochure

No sorting!

Recycling has never been easier



One-Sort Recycling Program




FREQUENTLY ASKED QUESTIONS



Q: What can I recycle in my one-sort cart?

Separate these items from your trash and place them in your new blue recycling cart. No sorting or paper bags required. Follow these guidelines:

Paper

Recycle

- Mail, office and school papers
- Magazines and catalogs
- Newspaper and inserts
- Phone books
- Shredded paper in closed paper bags

Boxes:

- Cardboard
- Cereal and cracker boxes
- Refrigerated food boxes
- Shoe boxes, gift boxes, and electronics boxes
- Toothpaste, medication and other toiletries boxes

Cartons

Recycle

Rinse.

- Milk cartons
- Juice boxes
- Soup, broth and wine cartons.

Plastics

Recycle

Rinse.

All plastic bottles, jugs and containers numbered 1 through 7.

Bottles and jugs:

- Water, soda and juice bottles
- Milk and juice jugs
- Ketchup and salad dressing bottles
- Dishwashing liquid bottles and detergent jugs
- Shampoo, soap and lotion bottles

Cups and containers:

- Yogurt, pudding and fruit cups
- Disposable cups and bowls
- Margarine, cottage cheese, and other containers

Packaging:

- Clear packaging from toys and electronics

NO: Plastic bags, Styrofoam™, motor oil bottles or other bottles that held hazardous substances

Metal

Recycle

- Food and beverage cans
- Aluminum foil and trays

NO: Paint cans, aerosol cans, containers that held hazardous products, such as paint thinner and automotive fluids

Glass

Recycle

Rinse. Remove and throw away caps and lids.

- Bottles and jars

NO: Broken glass, window glass

Batteries

Recycle

Tape the positive (+) terminal of lithium ion batteries to prevent fires. Place in clear plastic bag and place on top of your recycling cart

NO: Automotive batteries

CONTAMINATION



- Garbage
- Plastic Bags
- Non-Recyclable Paper
 - Food-soiled
 - Wet strength (freezer boxes)
- Sharps
 - Needles and Syringes
- Yard Waste

Contamination Rate: 3%
WM MRF Contamination Rate: 6.5%

Plastic bag

Shredded paper
in plastic bag



RECOMMENDATIONS

- Start out with a large cart. Inform residents to try to find more recyclables in their home to fill the large cart.



Don't just sit there. Recycle.



Now that you've got a moment to think about it, consider all the materials that are recyclable. Recycling isn't just for the kitchen or office. It's for every room in the house. Learn more at RethinkRecycling.com. The earth will thank you for it.

**RETHINK
RECYCLING™**
RethinkRecycling.com



LARGE/BULKY ITEM COLLECTION



Include examples of what cannot go in recycling right away. Insert below has been added to all recycling guides that are mailed out.

Do NOT place in Recycling Cart:

NO PLASTIC BAGS



NO STYROFOAM™



NO SYRINGES



NO GARBAGE



Minneapolis Recycles

www.minneapolismn.gov/onesort

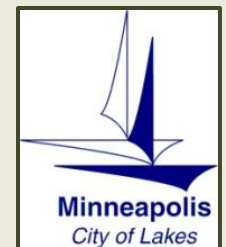




INCREASE IN RECYCLING TONNAGE

The first full month of city-wide one-sort resulted in a **57.75% increase** in the volume of recyclables collected. The **894 additional tons of recycling** collected compared to the same time period in 2012 brought the City's recycling rate from 16.4% under the multi-sort system to **24.4%** with the one-sort system.

The City has a target to double its recyclables collected from 18,000 tons to 36,000 tons per year by 2015.



RESIDENTS REACTION TO ONE-SORT



“Our amount of recycling has increased so much we had to have a second bin delivered to our house. Our garbage bin is getting jealous that there is nothing in it anymore.”

“It's so easy...love it! Glad to be done with sorting into paper bags. No more asking for paper at the grocery store; I can just use my reusable bags.”

“I love one sort because im a lazy american! Whoo!”

“Absolutely love it!! I swear I'm recycling at least twice as much as I used to - Thank you!”



Minneapolis Recycles



QUESTIONS?

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